UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At column 2, line 8, please delete "J Roome," and insert -- J. Roome, --, therefor.

At column 2, line 13, please delete "48," and insert -- 46, --, therefor.

At column 5, line 32, please delete "x(t)y(t) : The "" symbol"

and insert -- $x(t) \otimes y(t)$: The " $\otimes$ " symbol --, therefor.

At column 15, line 5-11,

please delete "$z(t) = x(t)[h_{am}(t)h_{cm}(t) + h_{bm}(t) + x*(t)[h_{am}(t)h_{dm}(t) + h_{bm}(t)h_{cm}*(t)]$"

and insert --
$$z(t) = x(t) \otimes [h_{am}(t) \otimes h_{cm}(t) + h_{bm}(t) \otimes h_{dm}*(t) + x*(t) \otimes [h_{am}(t) \otimes h_{dm}(t) + h_{bm}(t) \otimes h_{cm}*(t)]$$
--, therefor.

At column 15, line 20,

please delete " $h_{am}(t)h_{dm}(t) + h_{bm}(t)h_{cm}*(t) = 0$ "

and insert -- $h_{am}(t) \otimes h_{dm}(t) + h_{bm}(t) \otimes h_{cm}*(t) = 0$--, therefor.

At column 15, line 34,

please delete " $h_{am}(t)h_{cm}(t) + h_{bm}(t)h_{dm}*(t) = \delta(t)$ "

and insert -- $h_{am}(t) \otimes h_{cm}(t) + h_{bm}(t) \otimes h_{dm}*(t) = \delta(t)$ --, therefor.

At column 19, line 22-32,

please delete "
$$z(t) = x(t)[h_{ad}(t)h_{cd}(t) + h_{bd}*(t)h_{dd}(t + x*(t)[h_{ad}*(t)h_{dd}(t) + h_{bd}(t)h_{cd}(t)]$$
"

and insert --
$$z(t) = x(t) \otimes [h_{ad}(t) \otimes h_{cd}(t) + h_{bd}*(t) \otimes h_{dd}(t)] + x*(t)[h_{ad}*(t) \otimes h_{dd}(t) + h_{bd}(t) \otimes h_{cd}(t)]$$
--, therefor.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO.   : 6,940,916 B1
APPLICATION NO. : 09/771144
DATED   : September 6, 2005
INVENTOR(S)   : Warner et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At column 19, line 40,

please delete " $h_{ad}*(t)h_{dd}(t)+h_{bd}(t)h_{cd}(t)=0$ "

and insert -- $h_{ad}*(t)\otimes h_{dd}(t)+h_{bd}(t)\otimes h_{cd}(t)=0$ --, therefor.

At column 19, line 55-56,

please delete " $h_{ad}(t)h_{cd}(t)+h_{bd}*(t)h_{dd}(t)=\delta(t)$ "

and insert -- $h_{ad}(t)\otimes h_{cd}(t)+h_{bd}*(t)\otimes h_{dd}(t)=\delta(t)$ --, therefor.

At column 22, line 38, please delete "1114." and insert -- 114. --, therefor.

At column 23, line 14, please delete "116" and insert -- 116, --, therefor.

At column 27, line 63, please delete "1910" and insert -- 1910, --, therefor.

At column 28, line 63,

please delete " $h_{iqd}(t)=\mathrm{Im}[h_{cd}(t)+h_{dd}(t)]$ "

and insert -- $h_{iqd}(t)=\mathrm{Im}[h_{cd}(t)+h_{dd}(t)]=0$ --, therefor.

At column 30, line 40, in Claim 2, please delete "sunning" and insert -- summing --, therefore.

At column 30, line 66, in Claim 3, please delete "quadrature phase" and insert -- quadrature–phase --, therefor.

At column 32, line 17, in Claim 8, please delete "sunning" and insert -- summing --, therefor.

At column 33, line 42, in Claim 16, please delete "signal" and insert -- signal, --, therefor.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO.   : 6,940,916 B1
APPLICATION NO. : 09/771144
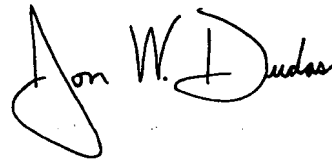DATED   : September 6, 2005
INVENTOR(S)   : Warner et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At column 34, line 2, in Claim 23, please delete "filter" and insert -- further --, therefor.

Signed and Sealed this

Fifth Day of June, 2007

JON W. DUDAS
Director of the United States Patent and Trademark Office